

In The Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Toothed belt for use with oil and comprising a body, a plurality of teeth extending from at least a first surface of said body, said teeth being coated by a first fabric, and a plurality of resistant inserts;

characterized in that said resistant inserts are produced from at least a first and a second material;

wherein said toothed belt is adapted to operate in direct contact with oil or partially immersed in oil.

2. (Original) Toothed belt as claimed in claim 1, characterized in that said first material covers said second material at least partly.

3. (Original) Toothed belt as claimed in claim 2, characterized in that said first material entirely surrounds said second material.

4. (Original) Toothed belt as claimed in claim 3, characterized in that said first material has a lower modulus with respect to said second material.

5. (Currently Amended) Toothed belt as claimed in claim 1, characterized in that in section said second material occupies a surface between 15 and 75% of the total surface of the body.

6. (Currently Amended) Toothed belt as claimed in claim 5, characterized in that in section said second material occupies a surface between 35 and 45% of the total surface of the body.

7. (Currently Amended) Toothed belt as claimed in claim 1, characterized in that said resistant inserts ~~are of the type known as "Lang's twist"~~ have two twists in the same direction.

8. (Previously Presented) Toothed belt as claimed in claim 1, characterized in that said first and said second material are chosen in the group constituted by glass fibres, aramid fibres, polyester fibres, PBO fibres and carbon fibres.

9. (Original) Toothed belt as claimed in claim 8, characterized in that said first material is glass fibre.

10. (Currently Amended) Toothed belt as claimed in claim 7, characterized in that said second material is carbon fibre.

11. (Previously Presented) Toothed belt as claimed in claim 1, characterized in that said resistant inserts have been treated with an RFL comprising a latex suitable to resist oils.

12. (Original) Toothed belt as claimed in claim 11, characterized in that said latex comprises an elastomeric material formed from a copolymer obtained from a diene monomer and a monomer containing nitrile groups.

13. (Original) Toothed belt as claimed in claim 12, characterized in that said copolymer is formed from a diene and from a monomer containing nitrile groups in a percentage between 33 and 49 weight % with respect to the final copolymer.

14. (Original) Toothed belt as claimed in claim 13, characterized in that said copolymer is formed from a diene and from a monomer containing nitrile groups in a percentage of 39 weight %.

15. (Previously Presented) Toothed belt as claimed in claim 1, characterized in that said fabric is externally coated by a resistant layer, which comprises a fluorinated plastomer, a first elastomeric material and a vulcanizing agent; and in that said fluorinated plastomer is present in said resistant layer in an amount greater than said first elastomeric material.

16. (Previously Presented) Toothed belt as claimed in claim 15, characterized in that said body comprises a mixture based on a second elastomeric material formed from a copolymer obtained from a diene monomer and a monomer containing nitrile groups.

17. (Previously Presented) Toothed belt as claimed in claim 15, characterized in that said resistant layer comprises said fluorinated plastomer in an amount in weight between 101 and 150 parts in weight with respect to said elastomeric material.

18. (Previously Presented) Toothed belt as claimed in claim 15, characterized in that said fluorinated plastomer is polytetrafluoroethylene.

19. (Currently Amended) Toothed belt as claimed in claim 15 ~~claim 1~~, characterized in that the back of said belt is covered by a second fabric.

20. (Currently Amended) Toothed belt as claimed in claim 19 ~~claim 1~~, characterized in that said second fabric is externally coated by a second resistant layer.

21. (Currently Amended) Toothed belt as claimed in claim 20 ~~claim 1~~, characterized in that said second resistant layer is the same as said first resistant layer.

22. (Previously Presented) Toothed belt as claimed in claims 15, characterized in that said elastomeric material comprises fibres.

23. (Original) Toothed belt as claimed in claim 22, characterized in that said fibres are present in an amount in weight between 0.5 and 15% with respect to said elastomeric material.

24. (Previously Presented) Toothed belt as claimed in claim 1, characterized in that it comprises between the toothing and said back sides treated with a polymer resistant to swelling.

25. (Currently Amended) Timing control system for a ~~drive~~ motor vehicle comprising at least ~~[[a]] one~~ driving pulley, ~~[[a]] one~~ driven pulley and a toothed belt ~~for use with oil and for maintaining use in oil-wet condition~~; said toothed belt comprising a body, a plurality and one or more ~~[[of]]~~ teeth extending from at least a first surface of said body, said teeth being covered by a first fabric, and a plurality of resistant inserts, characterized in that ~~said toothed belt is produced according to claims 1~~ resistant inserts comprise fibres produced from at least a first and a second material.

26. (Currently Amended) Control system as claimed in claim 25, characterized in that ~~it comprises a pad tensioner or a pad~~ said first material covers said second material at least partly.

27. (New) Control system as claimed in claim 26, characterized in that said first material entirely surrounds said second material.

28. (New) Control system as claimed in claim 27, characterized in that said first material has a lower modulus with respect to said second material.

29. (New) Control system as claimed in claim 25, characterized in that in section said second material occupies a surface between 15 and 75% of the total surface of the body.

30. (New) Control system as claimed in claim 29, characterized in that in section said second material occupies a surface between 35 and 45% of the total surface of the body.

31. (New) Control system as claimed in claim 25, characterized in that said resistant inserts have two twists in the same direction.

32. (New) Control system as claimed in claim 25, characterized in that said first and said second material are chosen in the group constituted by glass fibres, aramid fibres, polyester fibres, PBO fibres and carbon fibres.

33. (New) Control system as claimed in claim 32, characterized in that said first material is glass fibre.

34. (New) Control system as claimed in claim 33, characterized in that said second material is carbon fibre.

35. (New) Control system as claimed in claim 25, characterized in that said resistant inserts have been treated with an RFL comprising a latex suitable to resist oils.

36. (New) Control system as claimed in claim 35, characterized in that said latex comprises an elastomeric material formed from a copolymer obtained from a diene monomer and a monomer containing nitrile groups.

37. (New) Control system as claimed in claim 36, characterized in that said copolymer is formed from a diene and from a monomer containing nitrile groups in a percentage between 33 and 49 weight % with respect to the final copolymer.

38. (New) Control system as claimed in claim 37, characterized in that said copolymer is formed from a diene and from a monomer containing nitrile groups in a percentage of 39 weight %.

39. (New) Control system as claimed in claim 25, characterized in that said fabric is externally coated by a resistant layer, which comprises a fluorinated plastomer, a first elastomeric material and a vulcanizing agent; and in that said fluorinated plastomer is present in said resistant layer in an amount greater than said first elastomeric material.

40. (New) Control system as claimed in claim 39, characterized in that said body comprises a mixture based on a second elastomeric material formed from a copolymer obtained from a diene monomer and a monomer containing nitrile groups.

41. (New) Control system as claimed in claim 39, characterized in that said resistant layer comprises said fluorinated plastomer in an amount in weight between 101 and 150 parts in weight with respect to said elastomeric material.

42. (New) Control system as claimed in claim 39, characterized in that said fluorinated plastomer is polytetrafluoroethylene.

43. (New) Control system as claimed in claim 25, characterized in that the back of said belt is covered by a second fabric.

44. (New) Control system as claimed in claim 25, characterized in that said second fabric is externally coated by a second resistant layer.

45. (New) Control system as claimed in claim 25, characterized in that said second resistant layer is the same as said first resistant layer.

46. (New) Control system as claimed in claim 25, characterized in that said elastomeric material comprises fibres.

47. (New) Control system as claimed in claim 46, characterized in that said fibres are present in an amount in weight between 0.5 and 15% with respect to said elastomeric material.

48. (New) Control system as claimed in claim 25, characterized in that it comprises between the toothing and said back sides treated with a polymer resistant to swelling.

49. (New) Control system as claimed in claim 48, characterized in that it comprises a pad tensioner or a pad.

50. (New) Control system as claimed in claim 40, characterized in that said resistant layer comprises said fluorinated plastomer in an amount in weight between 101 and 150 parts in weight with respect to said elastomeric material.

51. (New) A toothed belt comprising a body, a plurality of teeth extending from at least a first surface of said body, said teeth being coated by a first fabric, and a plurality of resistant inserts; characterized in that said resistant inserts are produced from at least a first and a second material and in that said first material is glass fibre and said second material is carbon fibre.